



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276

Mary A. Gade, Director

217/782-0610

September 2, 1998

City of Pekin  
Public Works Department  
400 Margaret Street  
Pekin, Illinois  
61554

Re: City of Pekin  
Pekin STP #1  
Pending Critical Review

Dear Mr. Kief:

We received your letter August 11, 1998 requesting IEPA reconsider placing the sewage treatment plant on Critical Review.

Critical Review is a determination by the IEPA that a sewer is approaching hydraulic capacity or that a sewage treatment plant is approaching design capacity. The criteria used for notification of Critical Review is the IEPA determination that the hydraulic or organic loading of the treatment or transport facility has reached at least 80% of the permitted or design capacity as explained in 35 Ill. Admin. Code 392.

The hydraulic and organic loads reported to you in our August 4, 1998 letter are based on information submitted by the City on monthly discharge monitoring reports (DMR's). However, as the City has provided no justification for the "fluke" BOD<sub>5</sub> readings and these are reported on your DMR's, the Agency will continue to use these numbers in our organic load calculations. Allowing your request to remove the 640 PE of the West Campus and 225 PE of Applebees, the organic loading to the sewage treatment plant is reduced to 6,577 lbs of BOD or 83.2% of plant design capacity. The numerous discharge excursions reported for this facility also indicate operational problems that could be indicative of plant overloading.

In addition to the reported flows through the sewage treatment plant, the IEPA has noted that the south interceptor to the sewage treatment plant apparently discharges by unknown means during surcharge conditions. This sewer has been closed at the treatment plant without a corresponding surcharge to the upstream manholes being observed.

It is also noted that at river levels much less than the 25 year flood elevation (treatment works shall remain fully operational during the 25 year flood) the sewage treatment plant is unable to fully treat its design flow. The level of wastewater treatment has been reduced for periods of days during 1995, 1997 and 1998.

It is further noted that during high river stage, the interceptors fill up, surcharge, and apparently discharge raw sewage into the Illinois River.

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ILL. C. C. DOCKET NO. 02 0352  
IAwe Cross Exhibit No. 14

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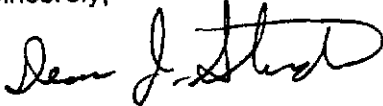
Witness \_\_\_\_\_

Date 5-20-03 Reporter Tgr

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In order to obtain information which you may have available, we wish to extend to you and to your consulting engineer an invitation to meet with our representatives to discuss the problems and possible solutions associated with your facilities. If you desire to meet or if you have questions or comments regarding the above, please contact Wes Rust at the indicated telephone number and address.

Sincerely,



Dean J. Studer, P.E.  
Manager, Southern Municipal Unit, Permit Section  
Division of Water Pollution Control

DJS:PWR:J:\DOCS\PERMITS\STATECON\RUST\LETTERS\PEKIN#1.LET

bcc: Peoria FOS  
DLC  
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Tom Walters - Dir. Ofc.

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